

A bioelectrical impedance measuring apparatus in accordance with the present invention consists mainly of a housing, rod-like electrode members, a display device, and a weighing device. The electrode members each have a plurality of electrodes, and are included in the upper part of the housing. The display device has the capability of an operator panel and lies between the electrode members. The weighing device is included in the lower part of the housing. The housing accommodates a current supplying device, a voltage measuring device, and an arithmetic unit. The current supplying device supplies current to the electrodes. The voltage measuring device measures voltage at the electrodes. The arithmetic unit calculates a bioelectrical impedance value from the supplied current value and the measured voltage values. In practice, the bioelectrical impedance measuring apparatus includes a weighing device and measures bioelectrical impedance relative to current flowing between user's hands. A user need not have his/her feet bared. Nevertheless, the bioelectrical impedance can be measured highly precisely. Moreover, since electrode members are shaped like rods and arranged lengthwise, an error derived from a change in a posture caused by a difference in a height can be minimized.